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COORDINATE INPUT SYSTEM FOR INFORMATION PROCESSOR
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ABSTRACT

PURPOSE: To provide a cursor moving speed suitable to the content of each application suitable to the software of a window form having a GUI and to quickly designate an icon.

CONSTITUTION: A data processing means 3 calculates a cursor coordinate (X(sub 2), Y(sub 2)) at the destination of movement as X(sub 2)=X(sub 1) + .delta.X, Y(sub 2)=Y(sub 1) + .delta.Y, based on a present cursor coordinate (X(sub 1), Y(sub 1)) and movement data .delta.X, .delta.Y obtained by the operation of a coordinate inputting device 1. A decision means 5 decides whether or not the coordinate (X(sub 2), Y(sub 2)) is within or outside a rectangular area A by comparing the start point coordinate (X(sub a), Y(sub a)) and end point coordinate (X(sub b), Y(sub b)) of the rectangular area A set by a rectangular area setting means 4 with the coordinate (X(sub 2), Y(sub 2)). A switching means 8 uses the coordinate (X(sub 2), Y(sub 2)) as it is when it is outside (within) the rectangular area A, and uses the coordinate (X(sub 2), Y(sub 2)) as X(sub 2)=X(sub 1) + k..delta.X, Y(sub 2) =Y(sub 1) + k..delta.Y by adding a coefficient (k) from a coefficient setting means 6.

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